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& H. CH, LLP 717-448P

FEB 2 0 2001.

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are a stated part to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) and original first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	sought on the invention entitled:								
nsert Title:	HALL DEVICE BIASING CIRCUIT AND MAGNETISM DETECTION CIRCUIT INCLUDING THE SAME								
ill in Appropriate	the specification of w	hich is attached	hereto. If not attached he	ereto,			<del></del>		
nformation -	the specification			as					
or Use Without	United States A	pplication Numb	per <u>09/696,006</u>				;		
pecification ttached:	and amended or	1			· · · · · · · · · · · · · · · · · · ·	(if applicable	e) and/or		
Macheu.	International A	polication Numb	er	as PCT					
	amended under	PCT Article 19	on		; and was (if applicable)				
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.  I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no								
•	application for pater America prior to this I hereby claim patent or inventor's	at or inventor's of application by a foreign priority certificate liste	ertificate on this inventi- ne or my legal representa- benefits under Title 35, d below and have also i that of the application on	on has been filed ir tives or assigns, exc United States Code dentified below any	n any country foreig ept as follows. e, §119(a)-(d) of any y foreign application	m to the Uni foreign appl n for patent	ited States of ication(s) for or inventor's		
nsert Priority	Prior Foreign App	lication(s)			•	Priority (	Claimed		
nformation:	2000-016349	<u>JAPAN</u>		January 25, 2		⊠			
f appropriate)	(Number)	(Country)		(Month/Day/Year	r Filed)	Yes	No		
		- <del></del>		06 11 50 57		Ö	Ü		
	(Number)	(Country)		(Month/Day/Year	r Filed)	Yes	No		
	(Number)	(Country)		(Month/Day/Year	r Filed)	Yes	No		
	(Number)	(Country)	·	(Month/Day/Year	r Filed)	□ Yes	□ No		
	I hereby claim the below.	enefit under Ti	tle 35, United States Coo	le, §119(e) of any U	Inited States provisi	onal applicat	cions(s) listed		
nsert Provisional application(s): if any)	(Application Number	r)		(Filing Date)	j		<del></del>		
*	(Application Number	r)		(Filing Date)	(Filing Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
	Country		Application Number	Das	te of Filing (Month/I	Day/Year)			
nsert Requested nformation: if appropriate)									
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
nsert Prior U.S. application(s): if any)	(Application Number	r)	(Filing Date)	(St	atus - patented, pen	ding, abando	ned)		
	(Application Number	r)	(Filing Date)	(St	atus - patented, pen	ding, abando	ned)		

I hereby appoint the wing attorneys to prosecute this application and in international application based on this application and to transit business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based connections received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart Joseph A. Kolasch Bernard L. Sweeney Charles Gorenstein Leonard R. Svensson Andrew D. Meikle Joe McKinney Muncy John W. Bailey	(Reg. No. 21,066) (Reg. No. 22,463) (Reg. No. 24,448) (Reg. No. 29,271) (Reg. No. 30,330) (Reg. No. 32,868) (Reg. No. 32,334) (Reg. No. 32,881)	Terrell C. Birch James M. Slattery Michael K. Mutter Gerald M. Murphy, Jr. Terry L. Clark Marc S. Weiner Donald J. Daley John A. Castellyno	(Reg. No. 19,382) (Reg. No. 28,380) (Reg. No. 29,680) (Reg. No. 28,977) (Reg. No. 32,644) (Reg. No. 32,181) (Reg. No. 34,313) (Reg. No. 35,094)
John W. Bailey Gary D. Yacura	(Reg. No. 32,881) (Reg. No. 35,416)	John A. Castellano	(Reg. No. 35,094)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued

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Residence (City, State & Country)		CITIZENSI						
POST OFFICE ADDRESS (Complete Street Ad	dress including City, State & Coun	l try)	· · · · · · · · · · · · · · · · · · ·					
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GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Residence (City, State & Country)	CITIZENSHIP							
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)								

PLEASE FOLLOWING:

> t Citizenship rt Post Office

Pull Name of Se Inventor, if any:

Inventor, if any:

Inventor, if any:

Page 2 of 2 (Ray, 04/08/2000)

\*DATE OF SIGNATURE